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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
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08/927,022 09/10/97 KIRSCH

S INF-009

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TM02/1108

EXAMINER

RONES, C

ART UNIT

PAPER NUMBER

2171

DATE MAILED:

11/08/00

**Please find below and/or attached an Office communication concerning this application or proceeding.**

**Commissioner of Patents and Trademarks**

# Office Action Summary

Application No.  
08/927,022

Applicant(s)

KIRSCH

Examiner

Charles Rones

Group Art Unit  
2171



☒ Responsive to communication(s) filed on Aug 28, 2000

☒ This action is **FINAL**.

☐ Since this application is in condition for allowance except for formal matters, **prosecution as to the merits is closed** in accordance with the practice under *Ex parte Quayle*, 35 C.D. 11; 453 O.G. 213.

A shortened statutory period for response to this action is set to expire 3 month(s), or thirty days, whichever is longer, from the mailing date of this communication. Failure to respond within the period for response will cause the application to become abandoned. (35 U.S.C. § 133). Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

## Disposition of Claim

☒ Claim(s) 1-19 is/are pending in the application

Of the above, claim(s) \_\_\_\_\_ is/are withdrawn from consideration

☐ Claim(s) \_\_\_\_\_ is/are allowed.

☒ Claim(s) 1-19 is/are rejected.

☐ Claim(s) \_\_\_\_\_ is/are objected to.

☐ Claims \_\_\_\_\_ are subject to restriction or election requirement.

## Application Papers

☐ See the attached Notice of Draftsperson's Patent Drawing Review, PTO-948.

☐ The drawing(s) filed on \_\_\_\_\_ is/are objected to by the Examiner.

☐ The proposed drawing correction, filed on \_\_\_\_\_ is ☐ approved ☐ disapproved.

☐ The specification is objected to by the Examiner.

☐ The oath or declaration is objected to by the Examiner.

## Priority under 35 U.S.C. § 119

☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).

☐ All ☐ Some\* ☒ None of the CERTIFIED copies of the priority documents have been

☐ received.

☐ received in Application No. (Series Code/Serial Number) \_\_\_\_\_

☐ received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\*Certified copies not received: \_\_\_\_\_

☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

## Attachment(s)

☒ Notice of References Cited, PTO-892

☐ Information Disclosure Statement(s), PTO-1449, Paper No(s) \_\_\_\_\_

☐ Interview Summary, PTO-413

☐ Notice of Draftsperson's Patent Drawing Review, PTO-948

☐ Notice of Informal Patent Application, PTO-152

— SEE OFFICE ACTION ON THE FOLLOWING PAGES —

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**DETAILED ACTION**

***Amendment***

1. The after final amendment timely filed on April, 14, 2000 has been entered.

***Claim Rejections - 35 USC § 103***

2. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.
3. Claims 1-8 & 11-18 are rejected under 35 U.S.C. 103(a) as being unpatentable by DuFresne (5,835,712).
4. As to (amended) claim 1, DuFresne discloses:
  - a. one or more web servers having electronic versions of documents available by request where content servers are deemed to be document servers; See 6: 1-9; 7:63-67; 8:5-29;
  - b. a search engine having access to access control lists for documents on the web servers, the access control list linking authorized users with all documents on the web servers, with the web servers screening the search results with the access control list to determine the documents for which a user performing a search has access; See 4:1-55; 10:7-41; 19:5-47.

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5. DuFresne discloses the claimed invention except for the documents each having a security level, with each document and preventing the user from discovering the existence of said document titles through the use of the search engine. Haverstock teaches that it is known to provide the documents each having a security level, with each document and preventing the user from discovering the existence of said document titles through the use of the search engine. It would have been obvious to one having ordinary skill in the art at the time the invention was made to provide the documents each having a security level, with each document and preventing the user from discovering the existence of said document titles through the use of the search engine as taught by Haverstock, since Haverstock states at column 6, lines 50-66, and column 7, lines 5-26 and column 8, lines 33-55 that such a modification would allow the documents to be access controlled and specific objects can be secured and delivered only to specific users.

6. As to claim 2, DuFresne discloses:

a. means for forwarding to the user only those document titles compatible with the authorized access of the user, wherein documents that are not compatible with the authorized access of the user are not forwarded to the user; See 4:1-55; 10:7-41; 19:5-47.

7. As to claim 3, DuFresne discloses:

a. a communications link between a query server connected to the search engine; See 4:1-55; 10:7-41; 19:5-47; and

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b. access control lists associated with the web servers; See 4:1-55; 10:7-41; 19:5-47.

8. As to (amended) claim 4, DuFresne discloses:

a. executing a query on a query server having access to a document index of documents available for searching on document servers provided in the web site by a person having a unique identification code without regard to access control limitations, yielding a list of all relevant documents having a unique URL; See 9:50-59; 10:4-60;

b. reviewing all URLs by the document servers after the search is executed using an access control list associated with each document server to check whether each URL is compatible with the access level of the identification code of the person executing the query wherein parents and children are deemed to have different access levels, See 18:55-67; 19:1-47; and

c. delivering only those documents whose URL is compatible with the access level of the person, wherein each URL that is not compatible with the access level of the person is withheld; See 4:1-55; 10:7-41; 19:5-47;

d. preventing the person from discovering the URLs that are not compatible with the access level of the person; See Havestock: 7:1-42.

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9. As to claim 5, DuFresne discloses:

a. providing a data link between the query server and access control lists for associated web servers wherein the access control list is deemed to be on the advisory server; See 4:1-55; 10:7-41; 19:5-47.

10. As to claim 6, DuFresne discloses:

a. storing the access control list separately from the index of documents wherein the index of documents are deemed to be on the content server; See 4:1-55; 10:7-41; 19:5-47.

11. As to claim 7, DuFresne discloses:

a. storing the access control list separately from the index of documents wherein the access control list is deemed to be on the advisory server and the index of documents is deemed to be on the content server; See 4:1-55; 10:7-41; 19:5-47.

12. As to claim 8, DuFresne discloses:

a. implementing access control with partial URLs indicating the hierarchy of documents to which a person with a unique identification code; See 11: 4-54; 13:15-29; 18:9-51; 23:20-35.

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13. As to claim 11, DuFresne discloses:

a. wherein a single access control list is provided for all document servers; See 18:55-67; 19:1-46.

14. As to claim 12, DuFresne discloses:

a. wherein an access control list is provided for each document server; See 18:55-67.

15. As to (amended) claim 13, DuFresne discloses:

a. providing a plurality of document servers in the web site, each having an association with a unique URL, each document server having an access control list defining user identification and for each user identification listing URLs for which access is permitted or denied wherein each document server's access control is deemed to be an access server; See 4:1-55; 10:7-41; 19:5-47;

b. executing a query on a query server having access to a document index of documents available for searching on the document servers by a person having one of said identification codes; See previous responses;

c. determining by one of the document servers whether each URL is compatible with the access level of the identification code of the person; See 4:1-55; 10:7-41; 18:55-67; 19:5-47; and

d. producing only those documents whose URL is compatible with the access level of the identification code of the person, wherein each non-compatible URL is withheld; See previous responses.

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16. As to claim 14, DuFresne discloses:

a. wherein the URLs are expressed in HTTP protocol; See 3:1-13.

17. As to claim 15, DuFresne discloses:

a. wherein each access control list lists URLs for each user identification number with a hierarchical indication of documents for which access is permitted or denied wherein the URL is deemed to provide a hierarchical indication of documents; See 4:1-55; 10:7-41; 19:5-47.

18. As to claim 16, DuFresne discloses:

a. wherein hierarchical indication is by partial URLs; See 11: 4-54; 13:15-29; 18:9-51; 23:20-35.

19. As to claim 17, DuFresne discloses:

a. accessing the access control list by the filesystem of the query server; See 18:7-20; 19:1-47.

20. As to claim 18, DuFresne discloses:

a. accessing the access control list by a file transfer protocol wherein HTTP is deemed to be a file transfer protocol and the browsers also have a file transfer protocol; See 2:1-19.



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21. As to claim 19, DuFresne discloses:

a. confirming access to the access control list by a script message from a document server; See 8:1-67; 11: 4-54; 13:15-29; 16:15-35; 18:9-51; 23:20-35.

22. As to claim 9, DuFresne discloses:

a. implementing access control with a common gateway interface script; See 8:1-67; 16:15-35.

23. As to claim 10, DuFresne discloses:

a. wherein said common gateway interface scripts returns a message to the query server indicating URLs to which a person with a unique identification code has access; See 18:9-51; 20:23-37; 22:20-50.

***Response to Arguments***

24. Applicant's arguments with respect to claims 1-19 have been considered but are moot in view of the new ground(s) of rejection.

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on the grounds and art of record in the next Office action if they had been entered in the earlier application. Accordingly, **THIS ACTION IS MADE FINAL** even though it is a first action in this case. See MPEP § 706.07(b). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no, however, event will the statutory period for reply expire later than **SIX MONTHS** from the mailing date of this final action.

26. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Charles Rones whose telephone number is (703) 306-3030. The examiner can normally be reached on Monday through Thursday from 8 a.m. to 4 p.m. EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Thomas Black, can be reached on (703) 305-9707.

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**Any response to this action should be mailed to:**

Commissioner of Patents and Trademarks

Washington, D.C. 20231

**or faxed to:**

(703) 308-9051, (for formal communications intended for entry)

**Or:**

(703)308-5403 (for informal or draft communications, please label

"PROPOSED" or "DRAFT")

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive,  
Arlington, VA., Sixth Floor (Receptionist).


Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 305-3900.

Any inquiry of receipt of a fax, please call Customer Service 2700 at (703) 305-1339.



Rones

October 31, 2000



THOMAS BLACK  
SUPERVISORY PATENT EXAMINER  
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